

| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) NIDN-10428 | Application Number 09/990537 To be assigned | | | |
|--|-----------|---|------------------|--|---|-----------|----------------------------|-----------|
| | | | | Applicant(s) O. Axelsson, et al. | | | | |
| | | | | Filing Date November 16, 2001 | Group Art Unit 1624 To be assigned | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| ZT | A1 | 4,194,051 | 18-Mar-80 | Bachman, et al. | 560 | 60 | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| ZT | B1 | WO 00/40988 | 13-Jul-00 | WIPO | — | — | YES | NO |
| ZT | B2 | WO 98/30918 | 16-Jul-98 | WIPO | — | — | | |
| ZT | B3 | WO 99/24080 | 20-May-99 | WIPO | — | — | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| ZT | C1 | A. Harthun, et al. "The Use of In Situ NMR Spectroscopy and Parahydrogen as Tools for Chiral Synthesis" Tetrahedron Letters, NL, Elsevier Science Publishers, Amsterdam volume 36, number 41, 9 October 1995, pages 7423-7426 XP004027014 | | | | | | |
| ZT | C2 | J. Barkemeyer, et al. "Hetero-NMR Enhancement Via Parahydrogen" Journal of the American Chemical Society, U.S., American Chemical Society, Washington, D.C. volume 117, 1995, pages 2927-2928 XP002094737 | | | | | | |
| EXAMINER <u>Zach T.</u> | | | | DATE CONSIDERED 17 FEBRUARY 2004 | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

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| <i>ZT</i> | C3 | J. Natterer, et al. "Parahydrogen Induced Polarization" Progress in Nuclear Magnetic Resonance Spectroscopy, GB, Pergamon Press, Oxford volume 31, number 4, November 1997, pages 293-315 XP000882257 | |
| <i>ZT</i> | C4 | J. Brown, et al. "Stereoselective Homogeneous Hydrogenation of 3-Substituted Itaconate Esters" J. Chem. Soc., Chem. Commun. 1987, number 3, pages 181-182 XP002160814 | |
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